

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (previously presented): A printing system comprising:
  - a host operable to output print data compatible with at least one of a plurality of different printer languages;
  - a data processing device comprising a plurality of intermediate code generators, at least one being operable to generate intermediate code compatible with the print data by performing a language analysis of the print data, and a plurality of intermediate code rasterizing means for respectively rasterizing the generated intermediate code into print image information; and
  - a printer comprising printing means for controlling the print image information rasterized by the intermediate code rasterizing means to be stored in a prescribed storage area of said printer, and printing on the basis of said stored print image information.
  
2. (previously presented): A printing system comprising a printer, wherein the printer receives print data and comprises:
  - a plurality of intermediate code generators, at least one being operable to generate intermediate code compatible with the print data by performing language analysis of the print data; and
  - a plurality of intermediate code rasterizing means for rasterizing said generated intermediate code into print image information,

wherein the at least one intermediate code generator is operable to process print data described in any one or more of a plurality of different printer languages.

3. (previously presented): A printing system according to claim 2, wherein said printer further comprises determination means for determining which one of the plurality of different printer languages the input print data corresponds to, selecting a particular intermediate code generator on the basis of the determination result, and delivering the print data to the selected intermediate code generator.

4. (original): A printing system according to any one of Claims 1 to 3,  
wherein the intermediate code generator generates an intermediate code and outputs identification information corresponding to the intermediate code to said printer, and  
wherein said printer selects a particular intermediate code rasterizing means on the basis of intermediate code identification information input from the intermediate code generator, and controls print image information rasterized by said selected intermediate code rasterizing means.

5. (previously presented): A printing system according to Claim 4,  
wherein said printer stores the corresponding relation between intermediate code identification information and the intermediate code rasterizing means, and selects an intermediate code rasterizing means with reference to the corresponding relation.

6. (previously presented): A printing system according to Claim 4,  
wherein said intermediate code identification information includes address information  
for calling the corresponding intermediate code rasterizing means.

7. (previously presented): A printing system according to Claim 4,  
wherein said intermediate code generator further outputs information of bandwidth and  
bandheight compatible with an intermediate code, and  
wherein said printer restructures said storage area on the basis of information of  
bandwidth and bandheight input through the intermediate code generator, and controls said  
rasterized print image information to be stored in said prescribed storage area restructured in  
band units.

8. (previously presented): A printer device, comprising:  
determination means for determining the type of language of input print data, selecting  
from a plurality of intermediate code generating means on the basis of the determination result,  
and delivering said print data to said selected intermediate code generating means, and  
printing means for controlling print image information rasterized by intermediate code  
rasterizing means to be stored in a prescribed storage area of said printer device, and printing on  
the basis of said stored print image information.

9. (previously presented): A printer device according to Claim 8, wherein said printing means selects from a plurality of intermediate code rasterizing means on the basis of intermediate code identification information input from said selected intermediate code generating means.

10. (original): A printer device according to Claim 9, wherein said printing means stores the corresponding relation between intermediate code identification information and intermediate code rasterizing means, and selects the intermediate code rasterizing means with reference to the corresponding relation.

11. (original): A printer device according to Claim 9, wherein said intermediate code identification information includes address information for calling the corresponding intermediate code rasterizing means.

12. (previously presented): A printer device according to any one of Claims 8 to 11, wherein said printing means restructures bandwidth and bandheight which comply with each intermediate code, and controls said rasterized print image information to be stored in said prescribed storage area restructured in band units.

13. (currently amended): A data processing device to be used in combination with a printer device, comprising:

a plurality of intermediate code generating means for generating intermediate code compatible with print data by performing language analysis of the print data, and

intermediate code rasterizing means for rasterizing corresponding generated intermediate code from a selected one of said intermediate code generating means into print image information,

wherein the intermediate code generating means of said data processing device other than the selected intermediate code generating means are capable of analyzing print data described in a language ~~not solely compatible~~ incompatible with said printer device alone.

14. (previously presented): A data processing device according to Claim 13, wherein the intermediate code generating means of said data processing device generates intermediate code as well as outputs identification information of the intermediate code to said printer device.

15. (original): A data processing device according to Claim 14, wherein said intermediate code identification information includes address information for calling the compatible intermediate code rasterizing means.

16. (original): A data processing device according to any one of Claims 13 to 15, wherein intermediate code generating means of said data processing device further outputs information of bandwidth and bandheight compatible with the intermediate code (or language) to said printer device.

17. (original): A printing method to be used in a printer system combining a printer device and a data processing device, comprising:

a determination step for determining the type of language of input print data, selecting an intermediate code generating means on the basis of the determination result, and delivering said print data to said selected intermediate code generating means, in said printer device; and

an intermediate code generating step for generating the intermediate code compatible with the print data by performing language analysis of print data, and outputting the intermediate code identification information, in an

intermediate code generating means of said printer device or an intermediate code generating means of said data processing device; and

a print control step for selecting an intermediate code rasterizing means on the basis of intermediate code identification information input from the intermediate code generating means, controlling print image information rasterized by said selected intermediate code rasterizing means to be stored in a prescribed storage area of said printer device, and printing on the basis of said stored print image information, in said printer device.

18. (original): A printing method according to Claim 17 using the data processing device comprising the intermediate code generating means, wherein the intermediate code of said data processing device is capable of analyzing the print data described in a language not corresponding to the intermediate code generating means of said printer device.

AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Appln. No. 09/624,224

19. (original): A printing method according to Claim 17, wherein said print control step selects an intermediate code rasterizing means with reference to the corresponding relation between intermediate code identification information and the intermediate code rasterizing means.

20. (original): A computer readable storage medium storing a program for making a computer execute the printing method according to any one of Claims 17 to 19.